

Docket Number 50-346

10CFR50.36a

License Number NPF-3

P-07

Serial Number 3329

April 27, 2007

United States Nuclear Regulatory Commission
Attention: Document Control Desk
Washington, D.C. 20555-0001

Subject: Combined Annual Radiological Environmental Operating Report and Radiological Effluent Release Report - 2006

Ladies and Gentlemen:

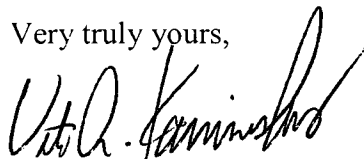
In accordance with 10CFR50.36a(a)(2), this letter transmits the combined 2006 Annual Radiological Environmental Operating Report (AREOR) and the January through December 2006 Radiological Effluent Release Report (RERR) for the Davis-Besse Nuclear Power Station (DBNPS). The AREOR and the RERR are submitted by April 30 of each year to satisfy the requirements of the DBNPS Technical Specifications 6.9.1.10 and 6.9.1.11.

The enclosed Table 1 (Enclosure 1) provides a listing of the specific requirements detailed in the DBNPS Offsite Dose Calculation Manual (ODCM) and the portion of the AREOR which was prepared to meet each requirement. Additionally, the following information is also provided to the Document Control Desk only. This information includes:

- RERR Meteorological Data (on 3 ½ inch microdisk)
- Environmental, Inc. Midwest Laboratory, Final Monthly Progress Report for January through December 2006 (which contains the 2006 Radiological Environmental Monitoring Program Sample Analysis Results)

If you have any questions or require additional information, please contact Mr. Patrick J. McCloskey, Manager - Site Chemistry, at (419) 321-7274.

Very truly yours,



Vito A. Kaminskas
Director- Site Operations
Davis-Besse Nuclear Power Station

JCS/AMP/s

IE25
IE48

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Attachment

Enclosures

cc: Regional Administrator, NRC Region III
DB-1 NRC Senior Resident Inspector
DB-1 NRC/NRR Project Manager
Chief, Division of Reactor Safety, Branch 6
Utility Radiological Safety Board

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COMMITMENT LIST

The following list identifies those actions committed to by the Davis-Besse Nuclear Power Station (DBNPS) in this document. Any other actions discussed in the submittal represent intended or planned actions by Davis-Besse. They are described only for information and are not regulatory commitments. Please notify the Davis-Besse Manager, Regulatory Compliance at 419-321-8000 of any questions regarding any associated regulatory commitments.

COMMITMENTS

DUE DATE

None

N/A

Table 1

**Annual Radiological Environmental Operating Report
(Sections Prepared to Meet Requirements of Off-Site Dose Calculation Manual,
Section 7.1, "Annual Radiological Environmental Operating Report")**

Description of Requirement

- Summaries, interpretations, and analyses of trends of the radiological environmental surveillance activities, and an assessment of the observed impacts of the plant (pages 34 through 80 and Appendix D)
- Results of the Land Use Census (pages 109 through 114)
- Results of the analysis of radiological environmental samples and of environmental radiation measurements (Environmental, Inc. Midwest Laboratory, Final Monthly Progress Report for January through December 2006, pages 26 through 80)
- Summary description of the radiological environmental monitoring program (also pages 26 through 80)
- At least two legible maps, covering sampling locations keyed to a table giving distances and directions from the centerline of one reactor (pages 40 through 77)
- The results of licensee participation in the Interlaboratory Comparison Program (Appendix A)
- Discussion of cases in which specimens were unobtainable due to hazardous conditions, seasonal unavailability, malfunction of automatic sampling equipment and other legitimate reasons (page 36)

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2006

**Annual Radiological Environmental Operating Report, including the
Radiological Effluent Release Report**

(1 Report follows)